

ABSTRACT OF THE DISCLOSURE

5           An energy distribution network for providing hydrogen fuel to a user  
comprising; energy source means; hydrogen production means to receive the energy  
from the energy resource means; hydrogen fuel user means to receive hydrogen from  
the hydrogen production means; and data collection, storage, control and supply means  
linked to the energy resource means, the hydrogen production means, and the hydrogen  
10 fuel user means to determine, control and supply hydrogen from the hydrogen  
production means. Preferably, the network comprises one or more water electrolyzers  
and provides for the distribution of hydrogen, for use as a fuel for vehicles, fuel cells,  
electrical and thermal generators, and the like.